UTILITY PATENT APPLICATION **TRANSMITTAL**

| PTO/SB/05 (08-03) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. | | | | | | | | |
|---|------------------------------------|-----------------------------------|--|--|--|--|--|--|
| UTILITY PATENT APPLICATION | Attorney Docket No. First Inventor | 050885-0308558 Ali Mohammad Afnan | | | | | | |
| TRANSMITTAL | Title | MIXING APPARATUS AND METHOD | | | | | | |
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | Express Mail Label No. | 0.0 | | | | | | |

| (Only for new nonprovisional applications under 37 CPR 1.33(b)) | Express Mail Label No. | | | | | | |
|--|--|--|--|--|--|--|--|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450 | | | | | | |
| 1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 39] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Drawings (if filed) - Detailed Description - Claim(s) | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS | | | | | | |
| - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 6] 5. Oath or Declaration [Total Sheets 1] a. Newly executed (original or copy) b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76 | 9. X Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of Attorney 11. English Translation Document (if applicable) 12. X Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. X Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: | | | | | | |
| specification following the title, or in an Application Data Sheet under 37 CFR 1.76: X Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/337.983 | | | | | | | |
| 19. CORRESPONDENCE ADDRESS | | | | | | | |
| X Customer Number: 00909 | OR Correspondence address below | | | | | | |
| Name | | | | | | | |
| Address | | | | | | | |
| City | State Zip Code | | | | | | |
| Country | elephone Fax | | | | | | |
| Name (PrintlType) Paul L. Sharer | Registration No. (Attorney/Agent) 36.004 | | | | | | |
| Signature Fail Out | Date 03/03/04 | | | | | | |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)
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| for EV 2004 | | | | Filing Date | | | March | March 3, 2004 | | | | |
| for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision. | | | | . [| First Named Inventor Ali Mohammad Afnan | | | Afnan | | | | |
| | | | | | | Exam | iner N | lame | | | | |
| Applica | int claims | smal | entity status. | See 37 CFR 1.27 | | Art U | nit | | | | | |
| TOTAL A | MOUNT | OF P | AYMENT | (\$) 1,364.00 | | Attorney Docket No. 050885-03085 | | | 0308558 | | | |
| METI | HOD OF | PA | MENT (chec | k all that apply) | | FEE CALCULATION (continued) | | | | | | |
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| X Deposit | Account: | | | | Fee | Entity Fee | Fee | Entity Fee | | Danadada | _ | |
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| Name The Director | is authori | zed to | : (check all that | apply) | 1053 | 130 | 1053 | | Non-English sp | | | |
| X Charge fee | e(s) indica | ted bel | ow X Cr | edit any overpayments | | 2,520 | i | - | | | te reexamination | |
| 1 22 | - | | | ayment of fee(s) | 1804 | 9201 | 1804 | 920* | Requesting put Examiner action | | c prior to | |
| Charge fee | | | ow, except for t | he filing fee | 1805 | 1,840 | 1805 | 1,840* | Requesting pul | | R after | |
| 10 1110 02010 1 | | | ALCULATIO | N | 1251 | 110 | 2251 | 55 | Extension for re | eply within firs | t month | <u> </u> |
| 1. BASIC F | | | 7.2002 (110 | | 1252 | 420 | 2252 | 210 | Extension for re | eply within sec | ond month | |
| Large Entity | Small Ent | ity | | | 1253 | 950 | 2253 | 475 | Extension for re | eply within thir | d month | |
| Fee Fee Code (\$) | Fee Fee Code (\$) | | Fee Description | Fee Paid | 1254 | 1,480 | 2254 | | Extension for re | • • | | |
| 1001 770 | 2001 38 | 35 | Utility filing fee | 770.00 | | 2,010 | 2255 | 1,005 | Extension for re | eply within fifth | month | |
| 1002 340 | 2002 17 | 0 | Design filing fe | ee | 1401 | 330 | 2401 | | Notice of Appe | | | |
| 1003 530 | 2003 26 | | Plant filing fee | | 1402 | 330 | 2402 | | Filing brief in s | | peal | |
| 1004 770 | 2004 38 | - | Reissue filing | | 1403 | 290 | 2403 | | Request for ora | - | | |
| 1005 160 | 2005 8 | 30 | Provisional fili | | 1451 1452 | 1,510 110 | 1451 2452 | | Petition to instit Petition to reviv | · · | | |
| SUBTOTAL (1) (\$) 770.00 | | | | | | 1.330 | 2453 | | Petition to reviv | | | |
| 2. EXTRA | CLAIM | FEES | FOR UTILI | TY AND REISSUE | 1501 | | 2501 | | Utility issue fee | | iai | |
| | | | Ext <u>ra Claim</u> s | Fee from Fee Paid | 1502 | 480 | 2502 | | Design issue fe | | | |
| Total Claims | 46 | -20* | ·= <u>26</u> × | 18 = 468 | 1503 | 640 | 2503 | | Plant issue fee | | | |
| Independent Claims | 4 | - 3** | '= [1 x | 86 = 86 | 1460 | 130 | 1460 | 130 | Petitions to the | Commissione | r | |
| Multiple Depe | ndent | | | | 1807 | 50 | 1807 | 50 | Processing fee | ssing fee under 37 CFR 1.17(q) | | |
| Large Entity Fee Fee | | Entity Fee | For Door | ntion | 1806 | 180 | 1806 | 180 | Submission of I | Information Di | sclosure Stmt | |
| Code (\$) | Code | (\$) | Fee Descri | | 8021 | 40 | 8021 | 40 | Recording each property (times | n patent assign number of pro | nment per operties) | 40.00 |
| 1202 18 1201 86 | 2202 | | Claims in exc | ess of 20 claims in excess of 3 | 1809 | 770 | 2809 | 385 | Filing a submis (37 CFR 1.129) | sion after final | , , | |
| 1203 290 | 2203 | | · · | ndent claim, if not paid | 1810 | 770 | 2810 | 385 | For each addition | ach additional invention to be | | |
| 1204 86 | 1204 86 2204 43 ** Reissue independent claims over original patent | | 1801 | 770 | 2801 | | examined (37 C Request for Co | | nation (RCE) | | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 | | | 1802 | 900 | 1802 | | Request for exp | edited examin | . , | | | |
| and over original patent | | | | | | fee (sp | ecify) | | o, a design app | ,auvil | | |
| SUBIOTAL (2) (5) 334.001 Deduced by Book Fillion For Book | | | | | | | 40.00 | | | | | |
| SUBMITTED BY (Complete (if applicable) | | | | | | | | | | | | |
| Name (Printl Type) Paul L. Sharer | | | | | Registration No. (Attorney/Agent) 36,004 Telephone (703) 905-2180 | | | | 80 | | | |
| Signature | | | | | 7 | Date March 3, 2004 | | | | | | |

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